



PATENT
ATTORNEY DOCKET NO.: 053933-5051

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Commissioner of Patents
MAIL STOP PATENT APPLICATION

**TRANSMITTAL FOR A NEWLY EXECUTED ORIGINAL APPLICATION
UNDER 37 C.F.R. §1.53(b)**

This is a request for filing a patent application under 37 C.F.R. §1.53(b) for:

Inventor(s): Young-Woo KIM, Young-Sang CHO, Dek-Gin YANG, Kyu-Hyok YIM

For: PRINTED CIRCUIT BOARD WITH OPTA-VIA HOLES AND PROCESS OF
FORMING THE OPTA-VIA HOLES

07/24/03
10/62550
17958 U.S. PTO

1. This is a new Utility Design Plant patent application.
2. The papers enclosed to obtain a filing date are as follows:

22 Pages of Specification including:
 0 Title Page
 16 Pages of Description
 5 Pages of Claims
 1 Page of Abstract
13 Sheets of drawings containing 20 Figures
 The enclosed drawings are photographs, and there is also attached a PETITION TO ACCEPT PHOTOGRAPH(S) AS DRAWING(S)

3. Combined Declaration and Power of Attorney



Enclosed and is executed by all inventors
Not Enclosed.

This application is being filed under the provisions of 37 C.F.R. §1.53(f).
Applicant(s) await notification from the Patent and Trademark Office of
the time set for filing the Declaration and paying the filing fees.

4. Language

English

Non-English

This application is being filed in accordance with 37 C.F.R. §1.52(d) and §608.01 of the MPEP. Applicant(s) await notification from the Patent and Trademark Office of the time set for filing the verified English translation and the processing fee.

5. Assignment

An assignment of the invention to Samsung Electro-Mechanics Co., Ltd. and a PTO Form-1595, Recordation Form Cover Sheet, are enclosed.
 An assignment will be filed at a later date.

6. Priority - foreign applications under 35 U.S.C. §119(a)-(d) or §365(b) or PCT international applications under 35 U.S.C. §365(a) designating at least one country other than the U.S.

Priority of the following foreign application is claimed:

Country	Application No.	Filed
Korea	2002-0081236	December 18, 2002

Certified copy: is attached. will follow.

7. Priority based on provisional application(s) - 35 U.S.C. §119(e)

Priority of the following provisional application(s) is claimed:

Application No.	Filed

A. Relate Back - 35 U.S.C. §119(e)

Amend the specification by inserting before the first line the sentence:
 "This application claims priority of copending provisional application(s)
 No. _____ filed on _____. "

8. Small entity status

Applicant(s) hereby assert(s) small entity status under 37 C.F.R. § 1.27.

13291 U.S.
07/24/03

9. Fee Calculation (37 C.F.R. §1.16)

	Number Filed	Number Extra	at Rate of	Basic Fee
				Utility \$750.00 Design \$330.00
				BASIC FEE 750.00
Total Claims (37 C.F.R. §1.16(c))	13 - 20 =	0	18.00	0.00
Independent Claims (37 C.F.R. §1.16(b))	4 - 3 =	1	84.00	84.00
Multiple dependent claim(s), if any (37 C.F.R. §1.16(d))			280.00	0.00
				834.00
				SUB-TOTAL =
				Reduction by 1/2 for filing by a small entity
				834.00
				SUB-TOTAL =
Assignment Recordation Fee			\$40.00	40.00
				TOTAL FILING FEE = \$874.00

10. Fee Payment

- Not Enclosed. **NO FEE IS BEING PAID BY CHECK OR DEPOSIT ACCOUNT AT THIS TIME.**

This application is being filed under the provisions of 37 C.F.R. §1.53(f). Applicant(s) await notification from the Patent and Trademark Office of the time set for filing the Declaration and paying the filing fees.

- Please charge Deposit Account No. 50-0310 in the amount of \$874.00 representing the basic filing fee of \$750.00, an additional independent claims fee of \$84.00 and an assignment recording fee of \$40.00.

11. **Except for issue fees payable under 37 C.F.R. §1.18, the Commissioner is hereby authorized by this paper to charge any additional fees during the entire pendency of this application including fees due under 37 C.F.R. §§1.16 and 1.17 which may be required, including any required extension of time fees, or credit any overpayment to Deposit Account No. 50-0310. This paragraph is intended to be a CONSTRUCTIVE PETITION FOR EXTENSION OF TIME in accordance with 37 C.F.R. §1.136(a)(3).**

12. Additional papers enclosed:

- Preliminary Amendment
- Information Disclosure Statement
- Form PTO-1449, _____ document included
- Declaration of Biological Deposit
- Submission of "Sequence Listing", computer readable copy and/or amendment pertaining thereto for biotechnology invention containing nucleotide and/or amino acid sequence.

Please accord this application an application number and filing date.

Respectfully submitted,

MORGAN, LEWIS & BOCKIUS LLP

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Dated: July 24, 2003

Customer No. 09629

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